

Electronic Acknowledgement Receipt

EFS ID:	3288719
Application Number:	10619796
International Application Number:	
Confirmation Number:	7886
Title of Invention:	Sparse and efficient block factorization for interaction data
First Named Inventor/Applicant Name:	Francis X. Canning
Customer Number:	20995
Filer:	Lee W. Henderson/Wayne Mahoney
Filer Authorized By:	Lee W. Henderson
Attorney Docket Number:	CANNING.001CP2
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Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	IDS_CANNING-001CP2.pdf	74178 fc78b27eb1fb8a81fc9ea5405d5e2fee6b38bc87	no	2

Warnings:**Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	8185 03b32cee23c12887abd218e8b2c8e3aac77e8e7a	no	2
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Warnings:**Information:**

Total Files Size (in bytes):			82363
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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